# Dan-Ha Le

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Education Oberlin College, Oberlin, OH, USA

Bachelor of Arts Graduation: June 2025

Majors: Computer Science and Politics Minor: Writing and Communication

GPA: 3.55/4.0

Technologies: Python, R, Java, HTML/Javascript, Unity (C#), LaTeX, TypeScript, Figma, Adobe

Creative Suite.

Languages: English (Native), Vietnamese (Native), Mandarin (Intermediate), Bahasa Indonesia

(Elementary)

# Research Experience

Skills

### Computation for Humans Lab

May 2023 - present

September 2021 - Present

with Dr. Molly Q. Feldman and Dr. Amanda Zadorian

Awarded a \$4500+ grant from Oberlin College Research Institute and Dr. Molly Q. Feldman's Research Startup Fund to conduct HCI Research Study on Comparing Human and Automated Approaches to Providing Writing Assistance.

- Prompt-engineer GPT 4.0 to output standard and anthropomorphic evaluations for 60+ collegelevel writing assignments of various formats and disciplines.
- Utilize R and Python to analyze student's favorability for LLMs and human evaluators, and student's ability to distinguish between AI- and human-generated communications.
- Manage email interactions with 100+ professors, students, and Writing Associates. Anonymize and codify documents across Qualtrics and Box databases. Author research protocols, revisions, and amendments.

# Political Economy Research Assistantship

September 2023 - present

with Dr. Amanda Zadorian Working on Competing for Legitimacy: Financial Rentier States in Russia and Brazil Project.

• Compile and analyze sovereign wealth funds (SWFs) usage and sponsors of 70+ countries from a collection of SWF and government database.

# **Projects**

# TutorTots at HackHolyoke

January 2023

- Designed the interactive web-interface and embedded intake survey forms for tutors and tutees using Wix.
- Utilized Python to create an automatic data parser converting .csv files piped from Wix intake forms to match tutors and tutees based on class requirements, and time availability.

# ScheduPaper for CSCI 241 Systems Programming

March 2023

- Utilized HTML/CSS and Javascript to create a user-friendly, and dynamic front-end where users can precisely input assignment information and time availability.
- Implemented the greedy scheduling algorithm to output writing schedules to assist writers on a time crunch

# room.exe for Winter Term Immersive Digital Installation

March 2023

- Developed, using C#, an immersive horror game where players can interact, spawn objects, trigger events with specific movement sequences, and unlock bonus scenes
- Utilized Unity as the game-dev engine, as well as Blender and CC Low-Poly models to create objects.

# Industry Experience

#### FPT Software

May 2023 - September 2023

Software Developer Intern

- Sandbox-tested FPT Software's project administrative dashboard using Python, Java and leveraging React, Node.js, and RestAPI to implement a more user-friendly interface and increase loading-time efficiency.
- Received recognition from product manager for conducting investigative research on alternative design patterns for prospective projects.

Writing and Pedagogy Experience

# Oberlin Computer Science Department

September 2022 - present

Computer Lab Assistant and Grader

- Develop and conduct interactive workshops on Java, Python, and Racket resulting in an increase in student proficiency in programming languages, and understanding of OOP and FP concepts.
- Provide individualized mentorship to over 100 students, resulting in an increased pass rate for programming assignments and projects.

# **Oberlin Writing Center**

September 2023 - present

Writing Center Associate and Course Writing Associate for Dr. Amanda Zadorian

- Individually supported 120+ Oberlin students with all stages of the writing process.
- Host office hours to provide specialized cognitive writing support, including introducing Political Ecology topics and research methodologies, brainstorming theses, producing dynamic outlines, etc.

Community Involvement

#### Oberlin Robotics Club

February 2023 - present

Treasurer and Educator

• Organize drone assembling workshops for 50+ robotics beginners, and successfully ad-hoc for \$2000+ from Student Finance Committee to purchase drone parts and equipments.

# Computer Science Majors Committee

September 2023 - present

Board Member

- Organized and hosted workshops on research in Human Computer Interaction, as well as created database of undergraduate grants to increase access to career-enriching opportunities.
- Collaborated with team of 10 to brainstorm, budget, and ad-hoc fundings for upcoming events, as well as gauged public interests through department email list to curate in-demand workshop topics.

#### Vietnamese Student Association

January 2022 - present

Chair and Treasurer

- Advocated for a 250% increase in total budget and reallocated extra funds towards curating cross-cultural events with other cultural student organizations on campus.
- Increased visibility of organization's social media page by 350% by regularly updating programs, and posting on campus boards.
- Organized Community Gatherings for 40+ Vietnamese-identifying students and faculty oncampus, as well as formed partnerships with Vietnamese restaurants and organizations in the Northeast Ohio area.

Awards

2021 - 2025 John F. Oberlin Scholar

2022- Hack Holyoke,  $Best\ Beginner\ Hack$ 

2022- Ohio Wesleyan Competitive Coding Competition,  $\mathit{Third\ Place}$ 

2023 - Department-funded Grace Hopper Celebration Attendee

Other

Cat in the Cream Coffeehouse, Attendant
Oberlin Steel Pan Band, Tenor Panist
Oberlin Sexual Information Center, Staffer and Peer Counselor
Peer Advising Leader, Facilitator
History Design Lab, Editor and Treasurer

September 2023 - present
June 2023 - present
September - December 2022, 2023
December 2021 - present

References

# Dr. Molly Q. Feldman

Assistant Professor of Computer Science at Oberlin College, Email: mfeldman@oberlin.edu

# Dr. Amanda Zadorian

Visiting Assistant Professor of Politics at Oberlin College, Email: azadoria@oberlin.edu.

#### Ryo Adachi

Coordinator of Academic Initiatives in the Liberal Arts, Email: radachi@oberlin.edu